ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ವಲಯ

ತಾಂತ್ರಿಕ ವಿಭಾಗ: ಬ್ಯಾಟರಾಯನಪುರ

ತಾಂತ್ರಿಕ ಉಪವಿಭಾಗ: ಬ್ಯಾಟರಾಯನಪುರ

Name of work:- Improvements to Roads and Drains at Bhuvaneshwarinagara in Ward No.06, Byatarayanapura Sub Division.

Est. Cost	**40.00 Lakhs**
Work Code	

ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: Asphalting and Improvements to Roads and Drains at Bhuvaneshwarinagara in Ward No.06, Byatarayanapura Sub Division.ಕಾಮಗಾರಿ ಅಂದಾಜನ್ನು ಅನುಮೋದನೆಗೆ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

* * * * *

ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ ವ್ಯಾಪ್ತಿಯಲ್ಲಿನ ವಾರ್ಡ್ ನಂ: 06ರ ಭುವನೇಶ್ವರಿನಗರದಲ್ಲಿ ರಸ್ತೆ ಮತ್ತು ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ಪೂಜ್ಯ ಮಹಾಪೌರರ ಅನುದಾನದಡಿಯಲ್ಲಿ ರೂ. 40.00 ಲಕ್ಷಕ್ಕೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಿ ಅನುಮೋದನೆಗಾಗಿ ಸಲ್ಲಸಲಾಗಿದೆ. ಅಚಿದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಈ ಕೆಳಕಂಡ ಐಟಂ ಗಳನ್ನು ಅಳವಡಿಸಲಾಗಿದೆ.

1. ಚರಂಡಿಯಲ್ಲಿ ಮತ್ತು ರಸ್ತೆಯಲ್ಲಿ ಹೂಳು ತೆಗೆಯುವುದು.
2. ಎಂಬ್ಯಾಕ್‌ಮೆಂಟ್ ಮಾಡುವುದು.
3. ವೆಟ್‌ಮಿಕ್ಸ್ ಮತ್ತು ಪ್ರೈಮ್‌ಕೋಟ್ ಅಳವಡಿಸುವುದು.
4. ಬಿ.ಎಂ ಮತ್ತು ಟ್ಯಾಕ್ ಕೋಟ್ ಅಳವಡಿಸುವುದು
5. ಎಸ್.ಡಿ.ಬಿ.ಸಿ ಅಳವಡಿಸುವುದು.
6. ಅಗೆತ ಮಾಡಿರುವ ಮಣ್ಣನ್ನು ಹೊರಸಾಗಿಸುವುದು.

ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು 2012–13ನೇ ಸಾಲಿನ ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ, ದರಸೂಚಿ ದರಗಳ ಆದಾರದ ಮೇಲೆ ತಯಾರಿಸಲಾಗಿದೆ. ಸದರಿ ಕಾಮಗಾರಿಯು ಅತ್ಯವಶ್ಯಕವಾಗಿರುವುದರಿಂದ ಪೂಜ್ಯ ಮಹಾಪೌರರ ಅನುದಾನದಡಿಯಲ್ಲಿ. ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಈ ಮೂಲಕ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-24

Name of work: Estimate for Asphalting and Improvement of Roads at Bhuvaneshwarinagara in Ward No.06, Byatarayanapura Sub Division

		Estimate Cost Rs.						4000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2012-13	cum							
	Desiltation Of Drains								
	5th Cross,6th and 7th Cross		3	200.00	0.40	0.35	84.00		
	~~10th Corss and 11th Cross~~ 19 & 20 th		2	210.00	0.40	0.35	58.80		
	Burm Cutting								
	5th Cross		3X2	200.00	0.95	0.30	342.00		
	6th Cross		2X2	210.00	0.90	0.30	226.80		
							711.60	112.32	**79927.00**
	Basic Rate	104.00							
	Area Weightage @ 8%	8.32							
	Total	**112.32**							
2	KSRRB M300-53: construction of **embankment** with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No. 156/ Item No. 19.60/ PWD SR 2012-13	**Cum**							
	5th Cross,6th and 7th Cross		3	200.00	5.00	0.20	600.00		
	~~10th Corss and 11th Cross~~		2	210.00	5.00	0.20	420.00		
	19 20						**1020.00**	146.88	**149818.00**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 166/ Item No. 20.18/ PWD SR 2012-13	Cum							
	5th Cross,6th and 7th Cross		3	200.00	5.00	0.20	600.00		
	10th Corss and 11th Cross		2	210.00	5.00	0.20	420.00		
							1020.00	1059.48	**1080670.00**
	Basic Rate	981.00							
	Area Weightage @ 8%	78.48							
	Total	**1059.48**							
4	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5, No. 172/ Item No. 21.4.2/ PWD SR 2012-13 Medium Porosity	**Sqm**							
	5th Cross,6th and 7th Cross		3	200.00	5.00		3000.00		
	10th Corss and 11th Cross		2	210.00	5.00		2100.00		
							5100.00	85.10	**434030.00**
	Basic Rate	78.80							
	Area Weightage @ 8%	6.30							
	Total	**85.10**							
5	KSRRB 500-11: Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack cost with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, No. 172/ Item No. 21.11/ PWD SR 2011-12	**Cum**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	5th Cross,6th and 7th Cross		3	200.00	2.00	0.075	90.00		
	10th Corss and 11th Cross		2	210.00	2.00	0.075	63.00		
							153.00	6368.50	974381.00
	Basic Rate	5896.76							
	Area Weightage @ 8%	471.74							
	Total	**6368.50**							
6	KSRRB 500-9: providing and applying **tack coat** on granular base such as WBM and WMM surfaces hot bitumen primed at 10 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specifications 5, No.172/ Item No. 21.9/ PWD SR 2012-13	Sqm							
	5th Cross,6th and 7th Cross		3	200.00	2.00		1200.00		
	10th Corss and 11th Cross		2	210.00	2.00		840.00		
							2040.00	26.24	**53538.00**
	Basic Rate	24.30							
	Area Weightage @ 8%	1.94							
	Total	**26.24**							
7	KSRRB M500-18 : Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per specifications .25-30mm compacted thickness with 5% bitumen 80/100 grade (Grading II) (Page No.175, Item No. 21.20.1)	**Sqm**							
	5th Cross,6th and 7th Cross		3	200.00	5.00	0.025	75.00		
	10th Corss and 11th Cross		2	210.00	5.00	0.025	52.50		
							127.50	9241.80	**1178329.00**
	Basic Rate	8557.22							
	Area Weightage @ 8%	684.58							
	Total	**9241.80**							
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				**711.60**	67.32	**47905.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
	Total	**67.32**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	Miscesallaneous Charges	L/S							1402.00
								Total	4000000.00

(Rupees Fourty Lakhs Only)

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2012-13
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

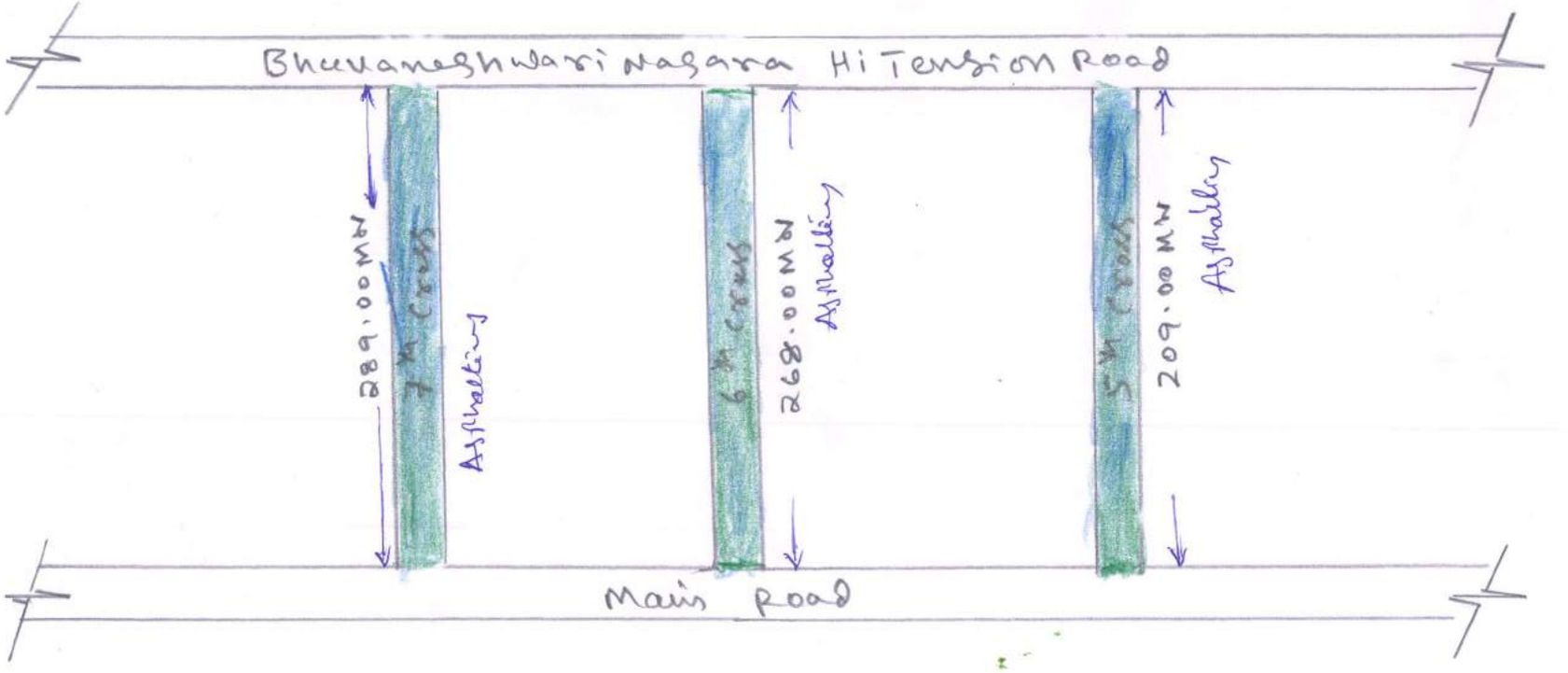
ADMINISTRATIVELY SANCTIONED FOR Rs 40.00 lakhs
Rupees Fourty lakhs Of
Under Mayors Grant
Registered as EE ( ) No
Subject to conditions contained in
enclosed memo EE ( ) No
Dt Estimate Sanctioned
Je(1) A/S / No. 875
dated 4-2-2013 Rs 40.00 lakhs.

4/2/13
Joint Commissioner
(Yelahanka Zone)
BBMP, Bangaluru-92

Technical sanction Rs 40.00 lakhs
Fourty lakhs only
under PD190, 2012-13.
Mayor grant.
Register NO: 105/13-14, dt: 06.02.13

6/2/2013
Superintending Engineer
Yelahanka Zone
BBMP, Bangalore-92

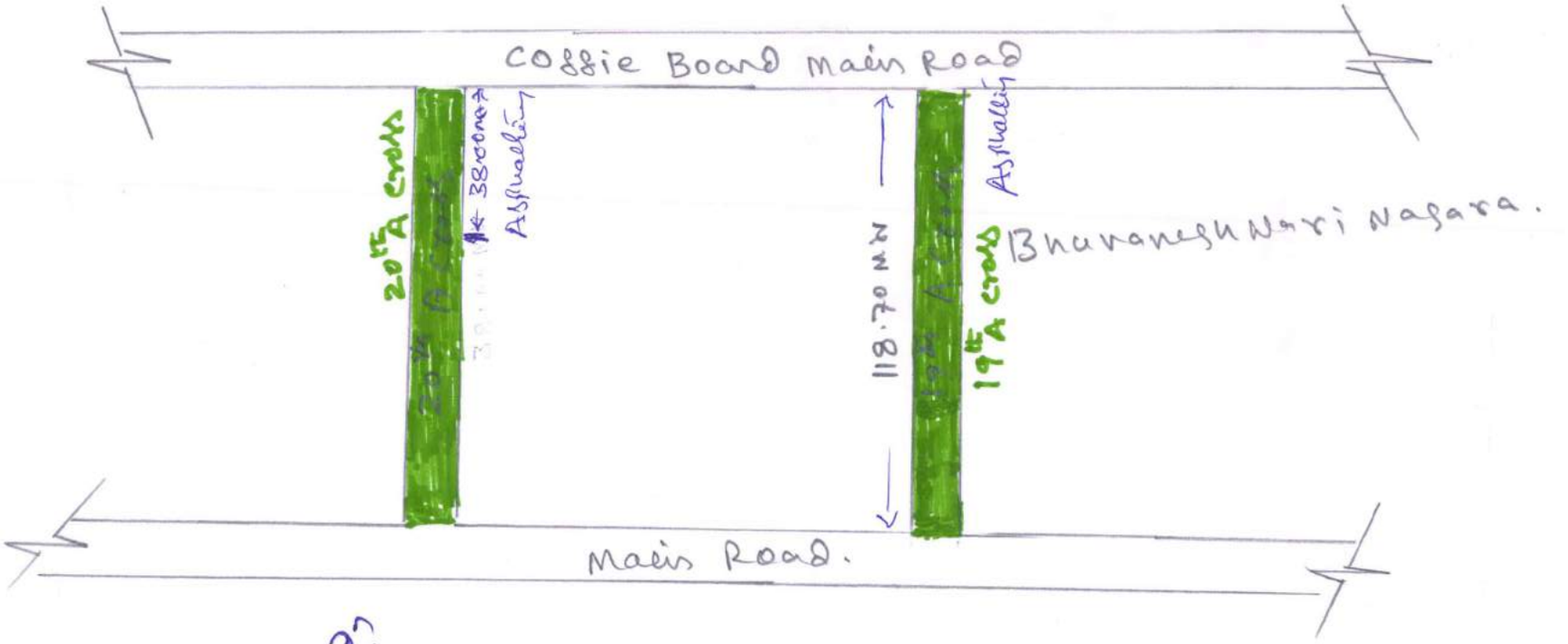
Improvements to Roads and Drains At Bhuvaneshwarinagara in Ward No. 06 Byatarayanapura Sub Division.



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

Improvements to Roads and Drains At Bhuvaneshwarinagara in Ward No. 06 Byatarayanapura Sub division



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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

152 - BYATARAYANAPURA AC
WARD NO. 6- THANISANDRA

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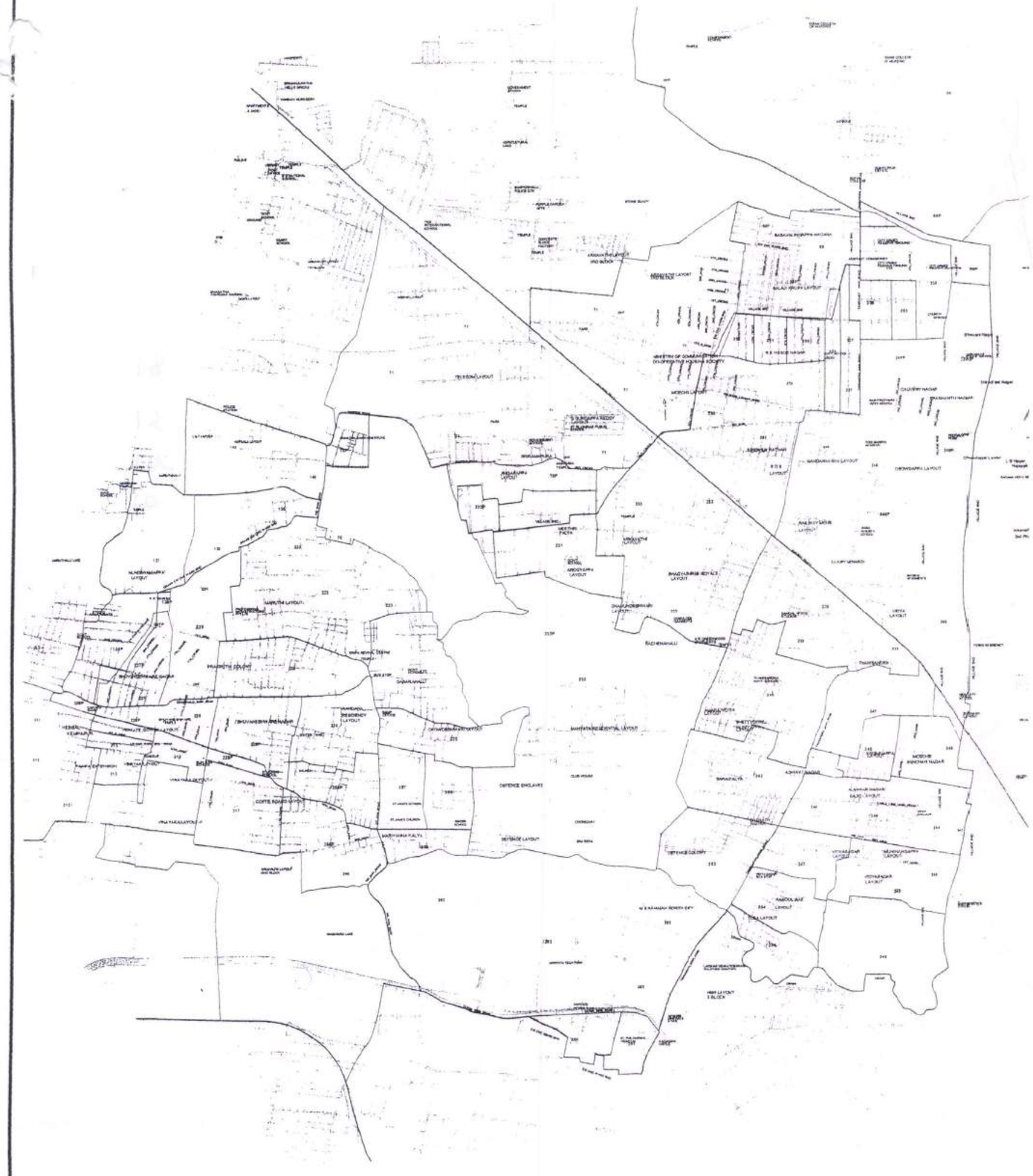

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-24